

FIG. 1

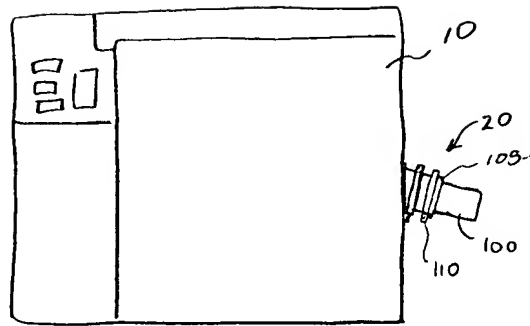


FIG. 2

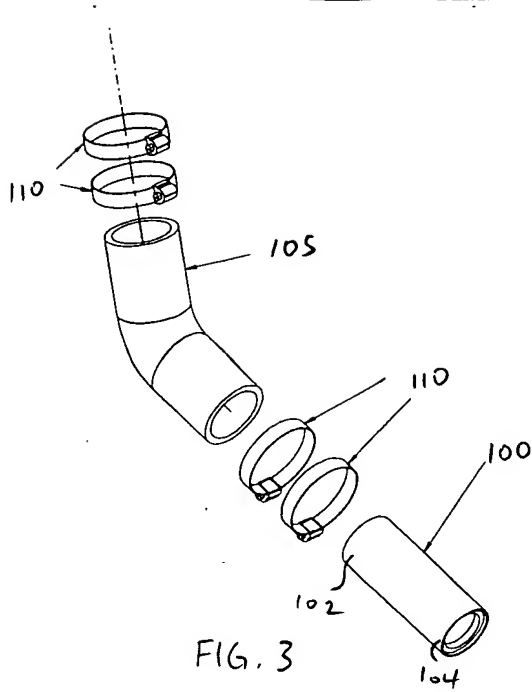


FIG. 3

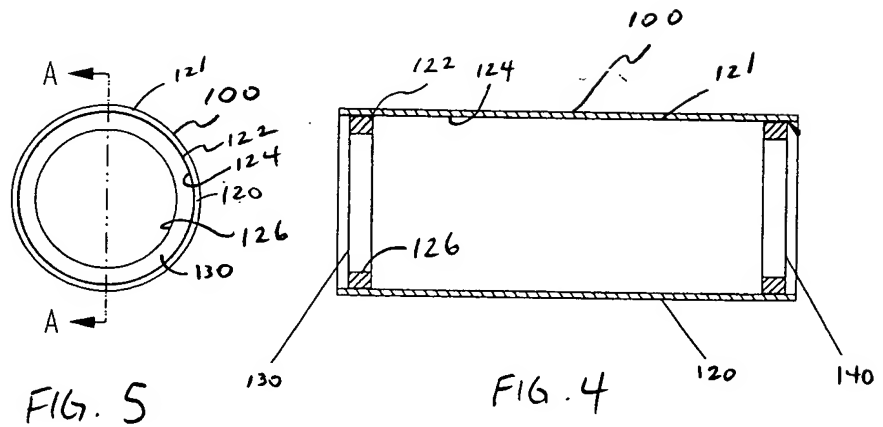
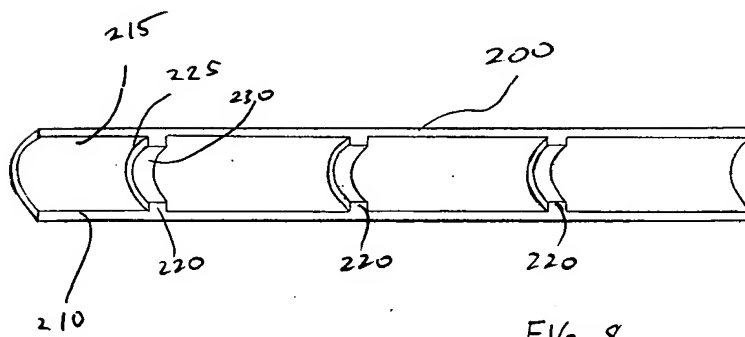
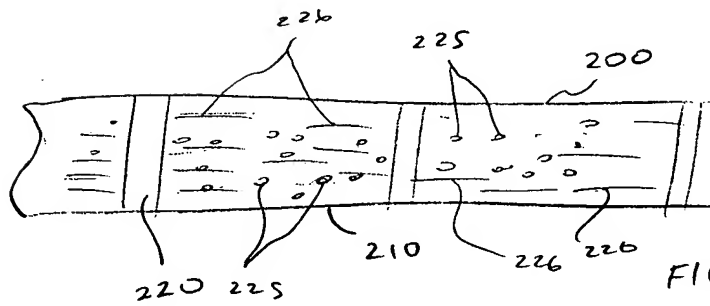
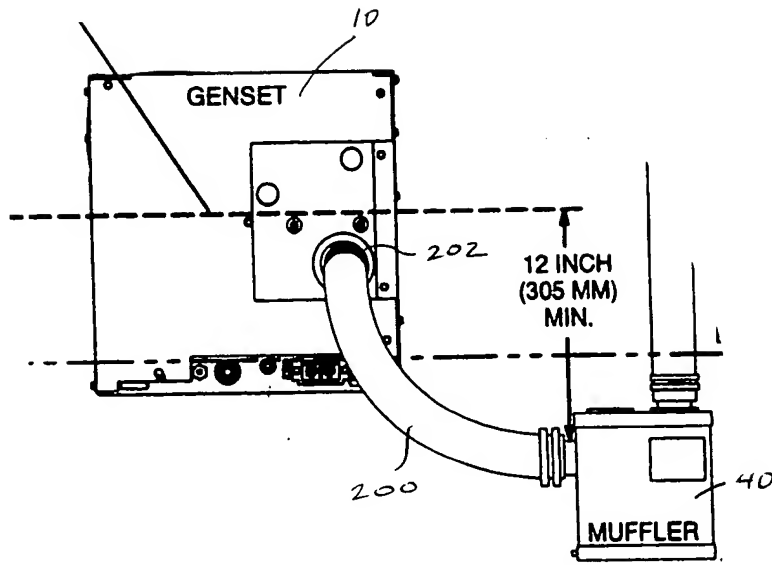


FIG. 5

FIG. 4



exhaust system shell noise tests - Extended length hose tests  
2900 rpm @ 8kw applied load

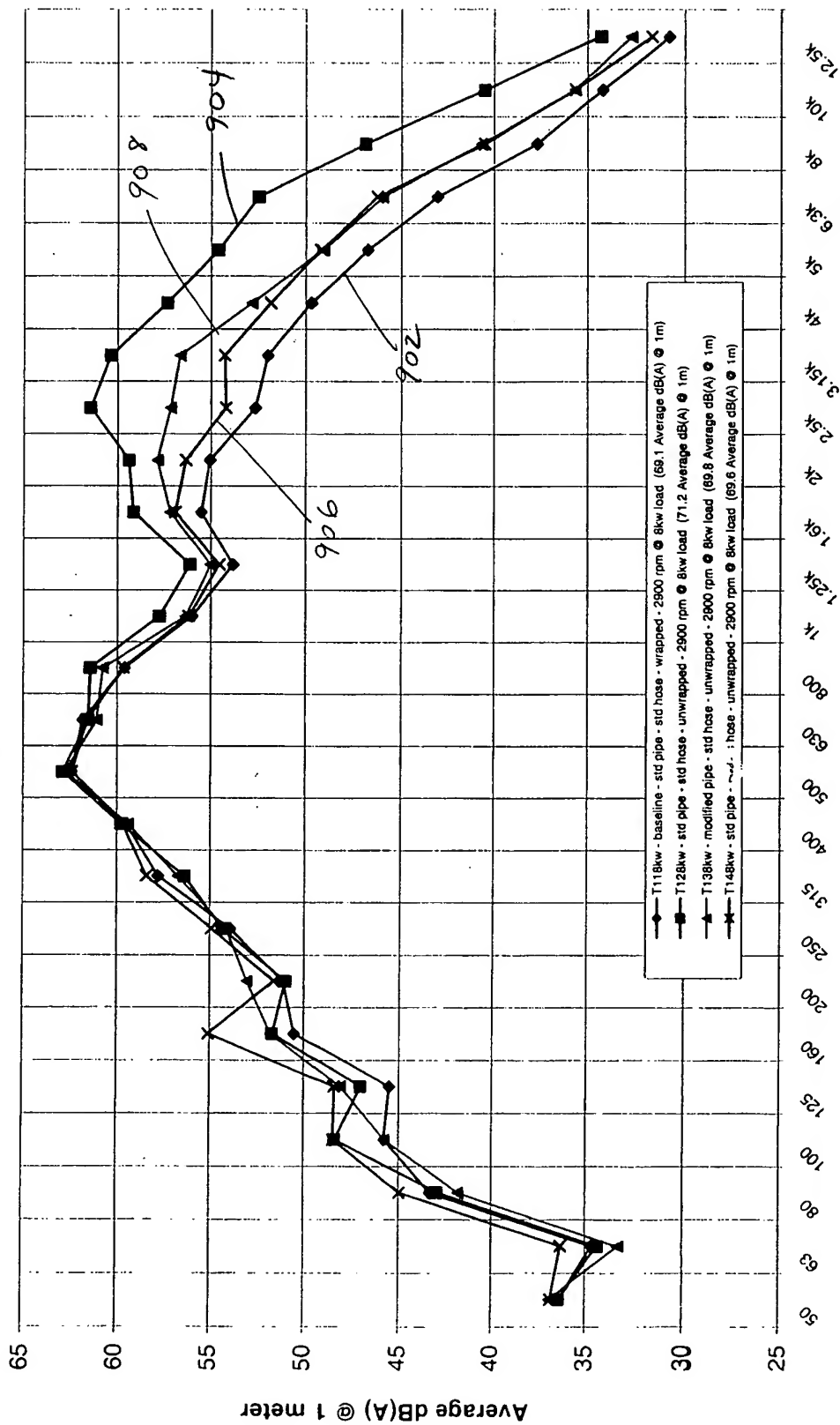
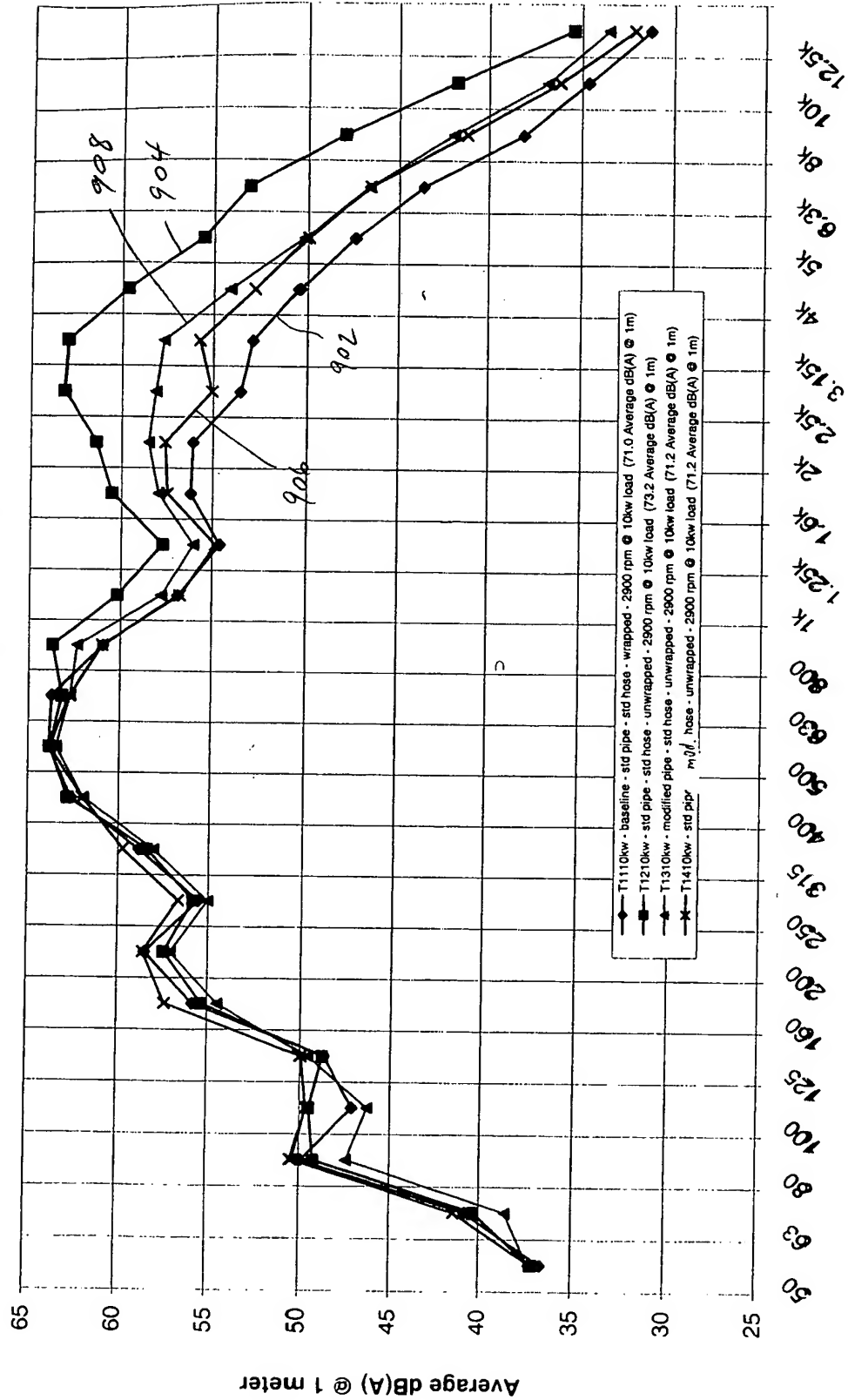


FIG. 9

1/3 octave band center frequencies, Hz

exhaust system shell noise tests - Extended length hose tests  
2900 rpm @ 10kw applied load



1/3 octave band center frequencies, Hz FIG 10